

**F.** A fully charged battery in good condition should operate the Crossvent for 11 - 15 hours. With the backlight on continuously, this is reduced by approximately 50%.

**G.** The battery should be replaced at least every two years. It should only be replaced with a battery supplied by Bio-Med Devices.

**H.** To properly maintain and refresh the battery, it is important to periodically fully discharge and then fully recharge it. To do this, first unplug the external power supply from the side of the Crossvent if it is plugged in. Turn the Crossvent on and press the TEST key in the bottom row of the display. Press VALVES and press ON for each valve. (Putting it in test mode will prevent any alarms from sounding and hasten the process by having the backlight and valves on). Leave it this way until the display is blank. This indicates the battery is exhausted. This may take several hours depending on the state of the battery when you begin. CAUTION: TURN OFF THE UNIT FOR AT LEAST ONE MINUTE PRIOR TO PLUGGING IN THE EXTERNAL POWER SUPPLY AFTER A FULL DISCHARGE. Plug the external power supply back into the side of the unit and into a wall outlet and charge the battery for a minimum of 4 1/2 hours. When done, verify battery power by unplugging the external power cord from the side of the unit while it is turned on. The Crossvent should alarm and the power source key in the bottom row should be flashing "BATTERY". Press "BATTERY" to silence the alarm. Below "BATTERY", the bar indicating the remaining battery power should span the entire battery key.

**I.** The backlight can be turned on and off when operating in battery mode. If the display backlight is on continuously, then battery power duration is reduced by approximately 50%. Therefore, it is advantageous to limit backlight use if long battery operation is anticipated. When in battery mode, the backlight timer is set to turn the backlight off by default if no key on the display is pressed for a period of 30 seconds. You can override this by pressing the pressure bar graph for 3 seconds until a second beep is heard. This will cancel the 30 second default timeout so the backlight remains on continuously. Turning either the backlight or Crossvent off will restore the default.